

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-082276

(43)Date of publication of application : 27.03.2001

(51)Int.Cl.

F02M 37/10
B60K 15/03
F02M 37/00

(21)Application number : 11-261494

(71)Applicant : KEIHIN CORP

(22)Date of filing : 16.09.1999

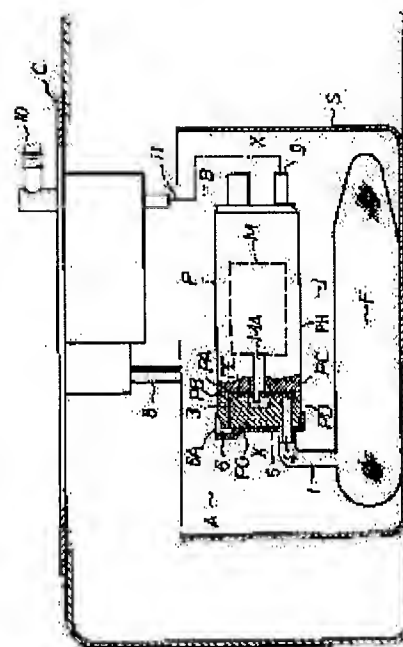
(72)Inventor : TORIKAI MINEO

(54) FUEL FEEDER

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent vapor in a pump chamber discharged from a vapor discharge passage from being re-sucked into the pump chamber by disposing the longitudinal axial line of a fuel pump disposed in a sub-tank in a horizontal direction.

SOLUTION: The longitudinal axial line X-X of the fuel pump P is disposed horizontally in the sub-tank S, which is disposed in a main tank T. A suction passage 4 linking with a pump part PA and a vapor discharge hole 3 linking with the pump part PA are open on one side PG of the fuel pump P. A filter F linking with the suction path 4 is disposed along the longitudinal axial line X-X of the fuel pump P by a lower space J in the gravity direction of the fuel pump P. The vapor discharge hole 3 is open at a position above the longitudinal axial line X-X of the fuel pump P through a vapor discharge passage 6 formed at a grommet 5 fitted on one side PG of the fuel pump P.



LEGAL STATUS

[Date of request for examination]

12.05.2004

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office